°FORM PTO-1390 OFFICE (REV 11-2000)

U.S. DEPA

TRANSMITTAL LETTER TO THE UNITED STATES

NT OF COMMERCE PATENT AND TRADEMARK

EY'S DOCKET NUMBER

449122021700

U.S. APPLICATION NO. (If known, see 37 CPF

		ESIGNATED/ELEC ONCERNING A FIL	U.S. APPLICATION NO. (If known, see 37 CPR 14)				
INTERNATIONAL APPLICATION NO.			INTERNATIONAL FILING DATE	10/069,621 PRIORITY DATE CLAIMED			
			M. 40 0000				
Tr		PCT/DE00/01546 OF INVENTION	May 16, 2000	August 27,1999			
**************************************	LE O	· INVENTION	TEL 50011111110 ATIONS TERMIN				
ÁI	APPLICANT(S) FOR DO/EO/US APPLICANT(S) FOR DO/EO/US						
Albrecht GOECKE et al.							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1.		This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.					
2.	×	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.					
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4.		The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).					
5.		A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
	a. L	is attached hereto (required only if not communicated by the International Bureau).					
 b.				RO/US).			
6.		An English language translation of the International Application under PCT Article 19 (35 U.S.C. 371(c)(2)).					
	a.	is attached hereto.					
	b.	has been previously submitted under 35 U.S.C. 154(d)(4).					
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).					
	a. are attached hereto (required only if not communicated by the International Bureau).						
	b.	b. have been communicated by the International Bureau.					
	c.	have not been made; howe	ever, the time limit for making such amendments has NO	Γ expired.			
	d.	have not been made and will not be made.					
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9.	×	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11. to 16. below concern document(s) or information included:							
11.		An Information Disclosure State	ement under 37 CFR 1.97 and 1.98.				
12.	×	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13.	×	A FIRST preliminary amendment.					
14.		A SECOND or SUBSEQUENT preliminary amendment.					
15.	X	A substitute specification (marked and clean copy versions).					
16		A change of power of attorney and/or address letter.					
17		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.					
18		A second copy of the published international application under 35 U.S.C. 154(d)(4).					
19		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					
20.	×	Other items or information: 1) Copy of Missing Requirements Notice					
CERTIFICATE OF HAND DELIVERY							
hereby certify that this correspondence is being hand filed with the United States Patent and Trademark Office in Washington, D.C. on June 5, 002.							
			17U Asin				

Mildred I. Ayim

Zvo

Rec'd Pappo . 05 Jun 2002

U.S. APPLICATION NO. (if known, see 37 CFR 1.5 INTERNATIONAL APPLICA 10/069.621 PCT/DE00/01546 449122021700 21. E The following fees are submitted: **CALCULATIONS** PTO USE ONLY BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO......\$1,040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provision of PCT Article 33(1)-(4)\$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = \$0 Surcharge of \$130.00 for furnishing the oath or declaration later than □ 20 □ 30 months from \$130.00 the earliest claimed priority date (37 CFR 1.492(e)). NUMBER FILED **CLAIMS NUMBER EXTRA** RATE - 20 = x \$18.00 \$0 Total claims Independent claims - 3 = x \$80.00 \$0 + \$270.00 \$0 MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS = \$130.00 ☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL =\$130.00 Processing fee of \$130.00 for furnishing the English translation later than \$0 □ 20 □ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). **TOTAL NATIONAL FEE =** \$130.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$40.00 TOTAL FEES ENCLOSED = \$170.00 Amount \$ /LO/2002 LLANDGRA 00000028 031952 10069621 to be 130.00 CH FC:154 refunded:

a.

Please charge my Deposit Account No. 03-1952 (referencing Docket No. 449122021700) in the amount of \$170.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

b. Ea The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to **Deposit Account No. 03-1952** (referencing Docket No. 449122021700).

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Kevin R. Spivak
Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-1888

Kevin R. Spivak

Registration No. 43,148

charged: \$

June 5, 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

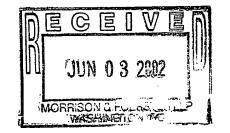
Commissioner for Patents, Box PCT United States Patent and Tradsmark Office Washington, D.C. 20231

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO.

10/069,621√ Albrecht Goecke 449122021700

INTERNATIONAL APPLICATION NO.

25227 MORRISON & FOERSTER LLP 2000 PENNSYLVANIA AVE, NW SUITE 5500 WASHINGTON, DC 20006-1888



PCT/DE00/01546

I.A. FILING DATE PRIORITY DATE

05/16/2000 08/27/1999

CONFIRMATION NO. 3437
371 FORMALITIES LETTER

OC0000000008173903

Date Mailed: 05/29/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Assignee Statement
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- English Translation of the IA
- Information Disclosure Statements
- Preliminary Amendments
- Request for Immediate Examination
- Substitute Specification

First Due Date 1/29/0



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN

ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Additionally the following defects have been observed:

 Additional claim fees of \$280 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$410 for a Large Entity:

- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$280
 - \$280 for multiple dependant claims surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

CHARITTA A BURT

Telephone: (703) 305-3734

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.			
10/069,621	PCT/DE00/01546	449122021700			

FORM PCT/DO/EO/905 (371 Formalities Notice)